



The Florida Senate

Local Funding Initiative Request - Fiscal Year 2018-2019

1. **Title of Project:** City of Boynton Beach- Fuel Cell Power Generator

2. **Senate Sponsor:** Bobby Powell

3. **Date of Submission:** 11/20/2017

4. **Project/Program Description:**

Reduce Greenhouse gas admissions and the city's Carbon Footprint

5. **State Agency Contacted?** No

a. If yes, which state agency?

b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested?

Department of Environmental Protection

6. **Amount of Non-recurring Requested for fiscal year 2018-19:**

Amount Requested for Operations	Amount Requested for Fixed Capital Outlay	Total Amount of Requested State Funds
	1,500,000	1,500,000

7. **Type, amount and percent of matching funds available for this project for fiscal year 2018-19:**

Type	Amount	Percent
Federal	0	0.0%
State (excluding the amount of this request)	0	0.0%
Local	900,000	37.5%
Other	0	0.0%
TOTAL	900,000	37.5 %

8. **Total Project Cost for fiscal year 2018-19 (including the Total Amount of Requested State Funds):** 2,400,000

9. **Previous Year Funding Details:**

a. Has funding been provided in a previous state budget for this activity? No

b. In the previous 5 fiscal years, how many years was funding provided? (Optional)

c. What is the most recent fiscal year the project was funded?

d. Were the funds provided in the most recent fiscal year subsequently vetoed?

e. Complete the following Worksheet.



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FY:	Input Prior FY Appropriation for this project for FY 2017-18 (If appropriated in FY 2017-18 enter the appropriated amount, even if vetoed.)		
Column:	A	B	C
Funds Description:	Prior Year Recurring Funds *	Prior Year Nonrecurring Funds *	Total Funds Appropriated (Column A + Column B)
Input Amounts:			

10. Is future-year funding likely to be requested?

No

11. Program Performance:

a. What is the specific purpose or goal that will be achieved by the funds requested?

The project will reduce greenhouse gas emissions and carbon foot print.

b. What are the activities and services that will be provided to meet the intended purpose of these funds?

Funds received will assist the City with implementation of a 460KW Fuel Cell to provide power (operating and emergency back up) for the City's Water treatment facility.

c. How will the funds be expended?

Spending Category	Description	Amount
Administrative Costs		
<input type="checkbox"/> Executive Director/Project Head Salary and Benefits		
<input type="checkbox"/> Other Salary and Benefits		
<input type="checkbox"/> Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> Consultants/Contracted Services/Study		
Operational Costs		
<input type="checkbox"/> Salary and Benefits		
<input type="checkbox"/> Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> Consultants/Contracted Services/Study		



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Fixed Capital Construction/Major Renovation		
<input checked="" type="checkbox"/> Construction/Renovation/Land/Planning Engineering	Funds received will assist the City with implementation of a 460KW Fuel Cell to provide power (operating and emergency back up) for the City's Water Treatment facility	1,500,000
TOTAL		1,500,000

d. What are the direct services to be provided to citizens by the appropriations project?

Alternative Clean Power Supply

e. Who is the target population served by this project? How many individuals are expected to be served?

City of Boynton Beach and Palm Beach County

f. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?

Fuel Cells are Identified by the US department on Energy as a technology for the advancement of Clean Electric Power Generation. Fuel Cells inherently offer high efficiency and low emissions because they are based on a direct chemical to electric conversion (no Combustion). Fuel Cells are modular in scalable. In 2010 the City adopted a Climate Action Plan with a Goal of reducing Greenhouse Gas emissions. Implementation of Fuel Cells will advance this goal. Staff will be able to measure the reduction in power consumption from the Power grid and calculate the reduction of carbon being released to the atmosphere.

g. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for in the contract?

City will forfeit funds and repay State

12. The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.

City of Boynton Beach

13. Requestor Contact Information:

- a. **Name:** Joseph Paterniti
- b. **Organization:** Boynton Beach Utilities
- c. **Email:** paternitij@bbfl.us
- d. **Phone Number:** (561)742-6423

14. Recipient Contact Information:

- a. **Organization:** City of Boynton Beach



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b. County: Palm Beach

c. Organization Type:

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Entity
- University or College
- Other (Please specify)

d. Contact Name: Joseph Paterniti

e. E-mail Address: paternitij@bbfl.us

f. Phone Number: (561)742-6423

15. If there is a registered lobbyist, fill out the lobbyist information below.

a. Name: Mat Forrest

b. Firm: Ballard Partners

c. Email: mat@ballardfl.com

d. Phone Number: (561)253-3232